626
P191c
no. 38

LA

RÉE-TEMPÊTE

DU 12 MARS 1906

DANS LE BASSIN DE L'ESCAUT MARITIME

RAPPORT

DE MM.

H. GELLENS **L. VAN BRABANDT**
Ingénieurs des Ponts et Chaussées

J. MELOTTE **A. WEYTS**
Ingénieurs principaux des Ponts et Chaussées

J. PIERROT
Ingénieur en chef Directeur des Ponts et Chaussées

EXTRAIT DU 1er FASCICULE DES
ANNALES DES TRAVAUX PUBLICS DE BELGIQUE
(Février 1908.)

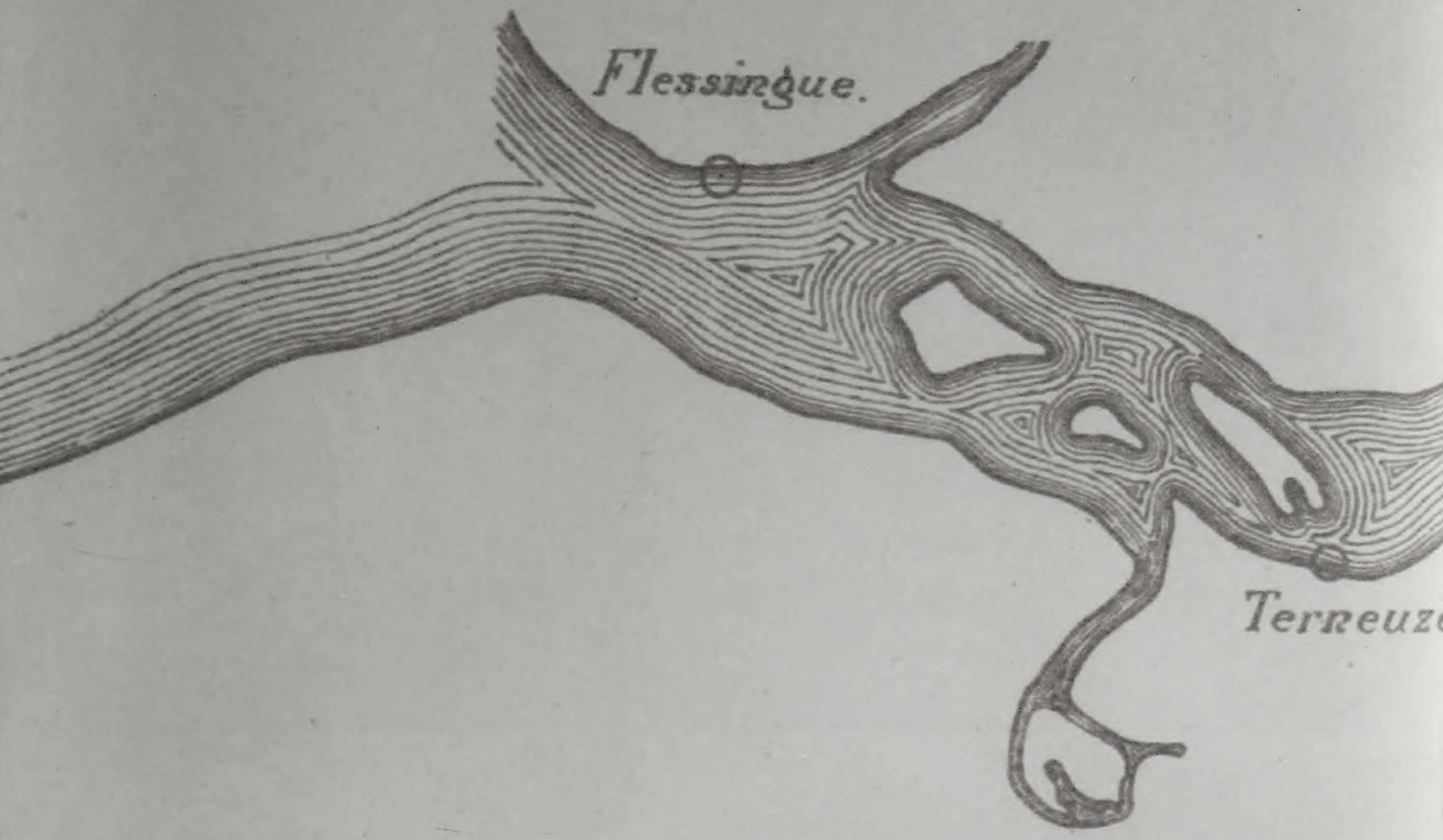
BRUXELLES
GOEMAERE, IMP. DU ROI, ÉDITEUR.
21, *rue de la Limite*, 21

1908

ALTGELD HALL STACKS

BASSIN DE L'ESCAUT

Echelle : $\frac{1}{320.000}$



Gand

BASSIN DE L'ESCAUT MARITIME.

Echelle : $\frac{1}{320.000}$

Fig. 1

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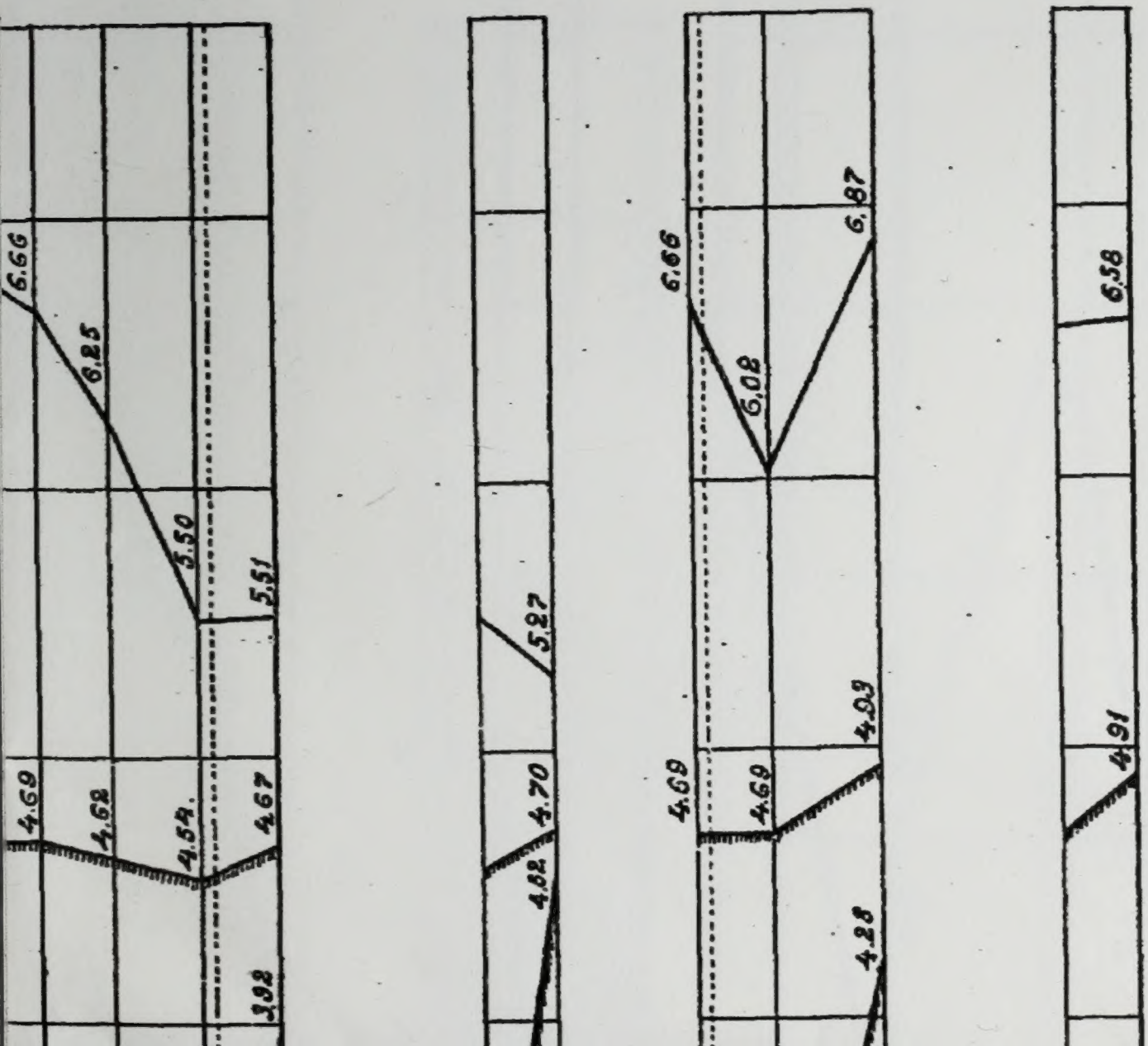
https://archive.org/details/pamphletsoncanal38unse

ET DE MARÉES BASSES. ——

r mètre.

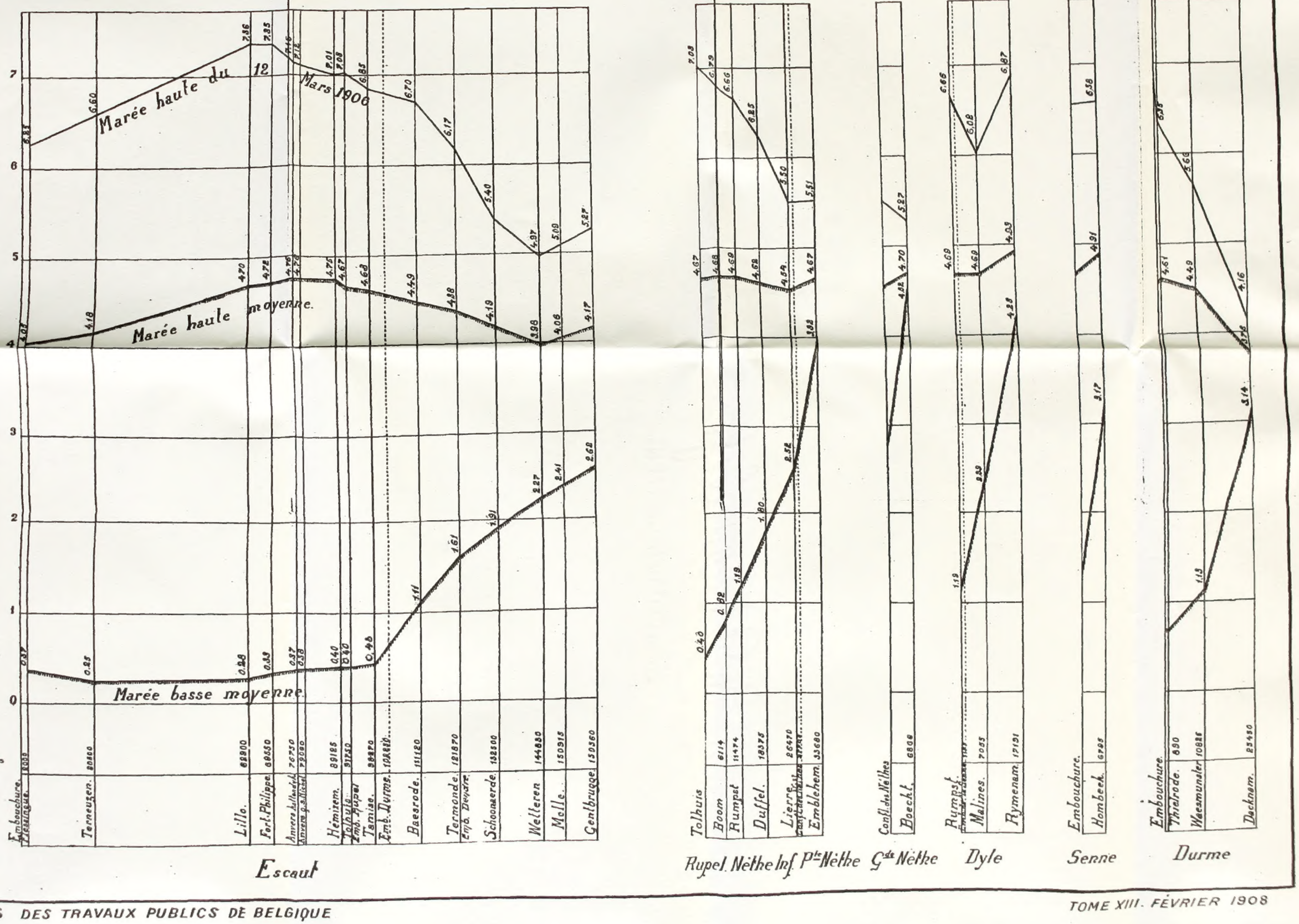
r Kilm.



— LIEUX GÉOMÉTRIQUES DE MARÉES HAUTES ET DE MARÉES BASSES. —

Fig. 2

Echelles { Hauteurs : 0m,025 par mètre. / Distances : 0m,001 par Kilm.



CALES.

21 22 23 0

Gentbrugge.

Welteren.

Termonde.

Baesrode.

Tolhuis Anvers, quai St Michel.

Ostende.

illo.

— MER DU NORD ET ESCAUT — COURBES LOCALES —

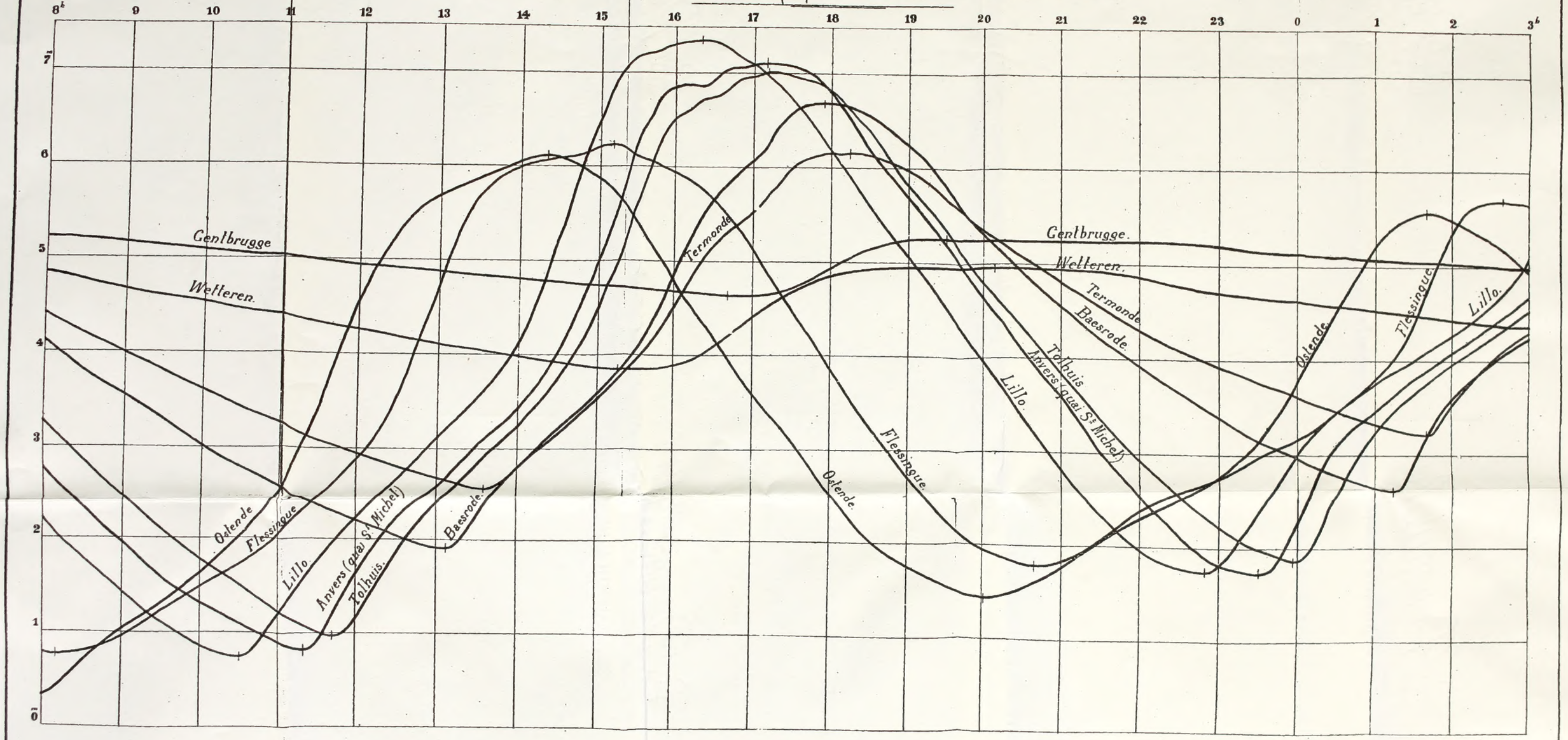


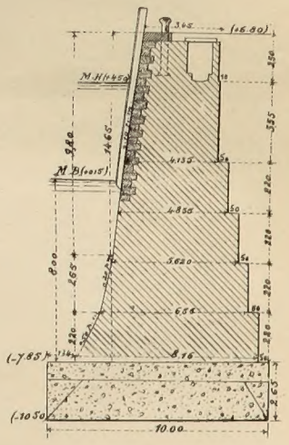
Fig. 3.

Échelles : { Hauteurs : 0m,0333 par mètre. Temps : 0,0261 par heure.

Bord et Vigner

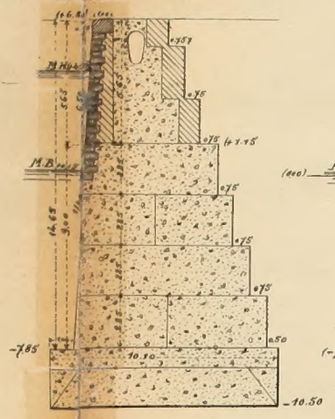
Projet N° 11.

Fig. 1



Projet N° 12

Fig. 2.



Projet N° 13

Fig. 3.

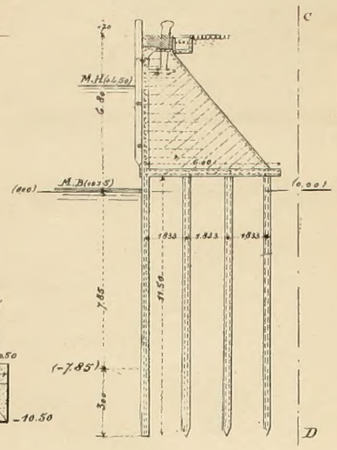


Fig. 4

Vue CD.

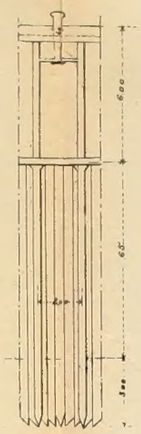
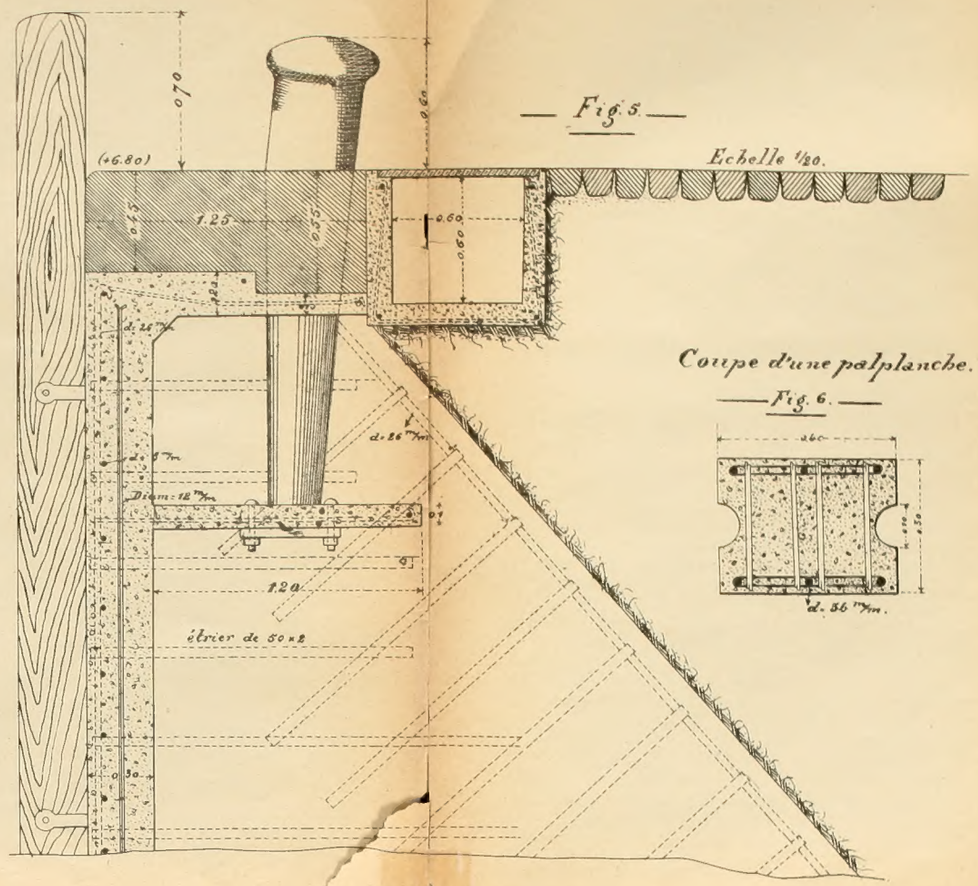


Fig. 5.

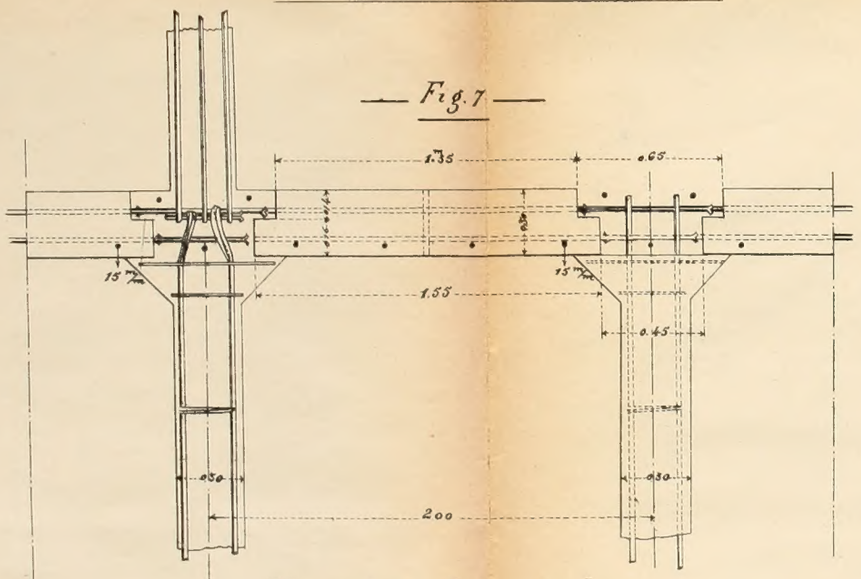


Coupe d'une palplanche.

Fig. 6.

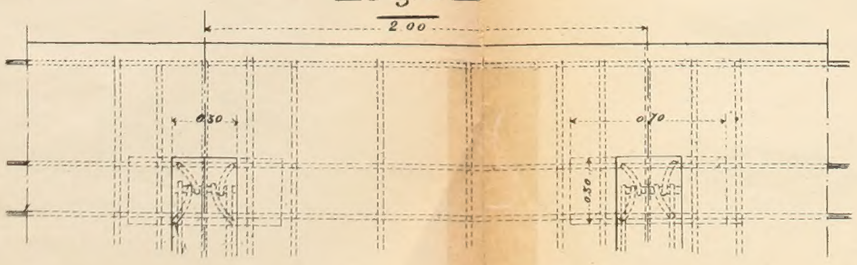
Assemblage et coupe d'une plaque de la semelle inférieure

Fig. 7



Projection horizontale.

Fig. 8.



Schmidt.

Projet N° 14

Fig. 9.

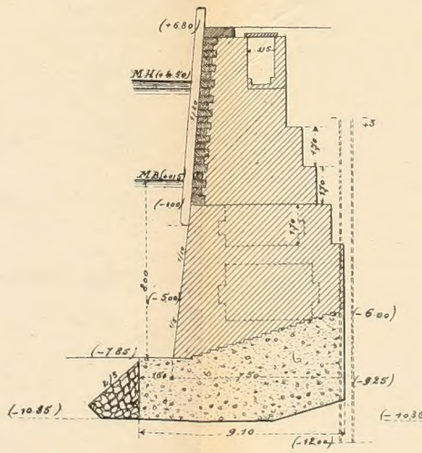
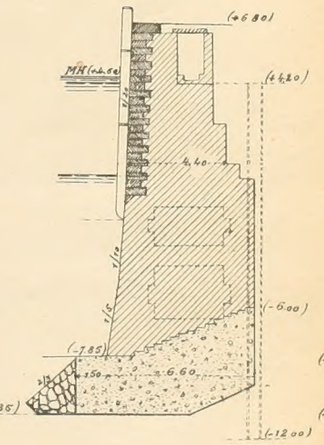
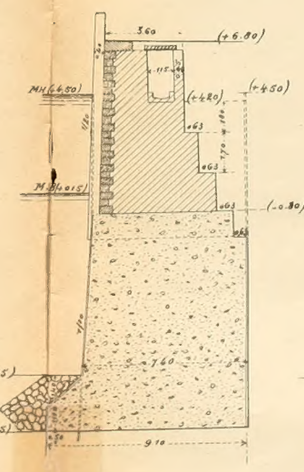


Fig. 10.



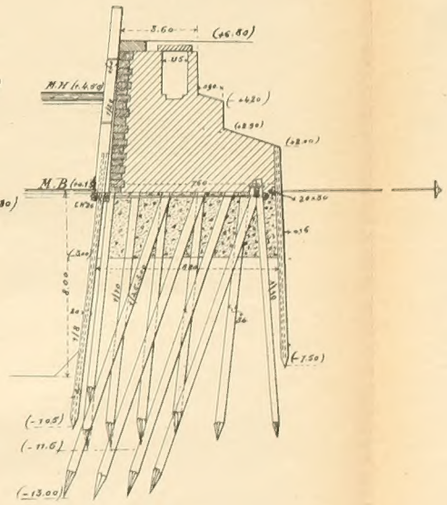
Projet N° 15

Fig. 11.



Projets N°s 16 et 17.

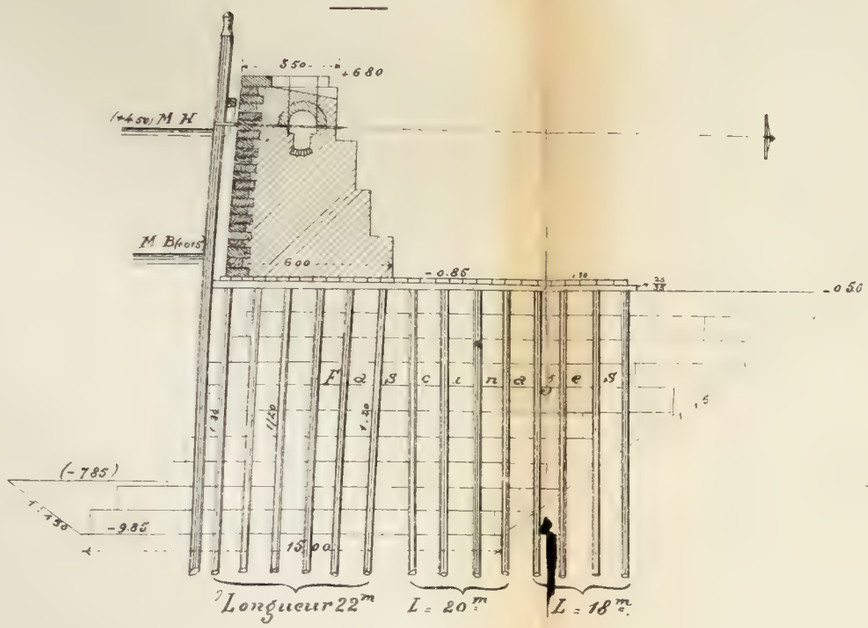
Fig. 12



Volker, Bos, et Willems.

Projet N° 18

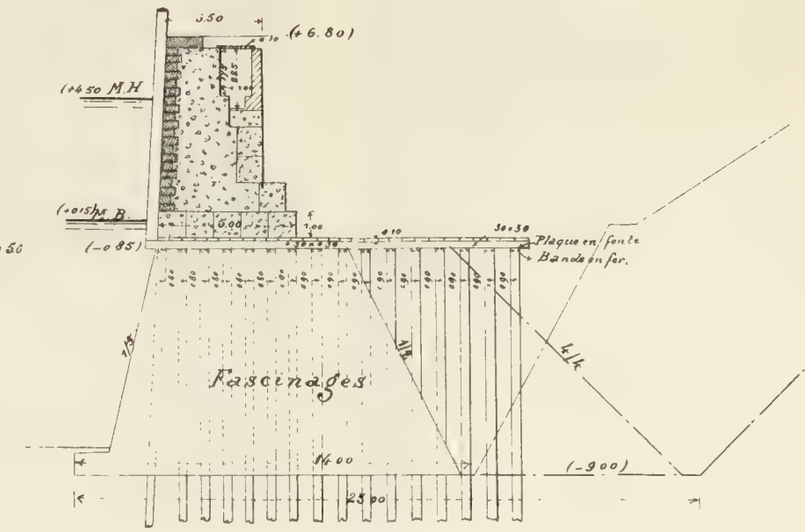
Fig. 1.



Van Hullem et Prins.

Projet N° 19

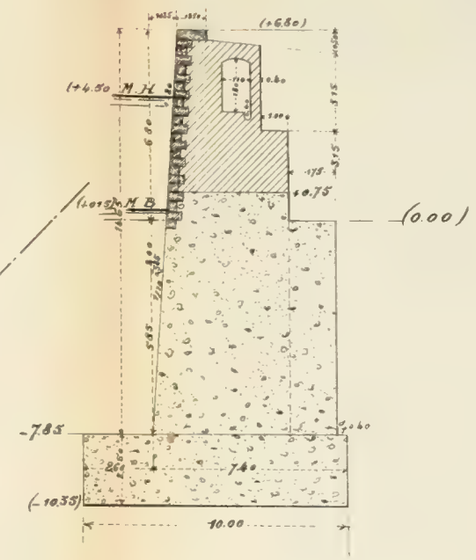
Fig. 2.



Coiseau Couvreux Allard Cousin.

Projet N° 20-21

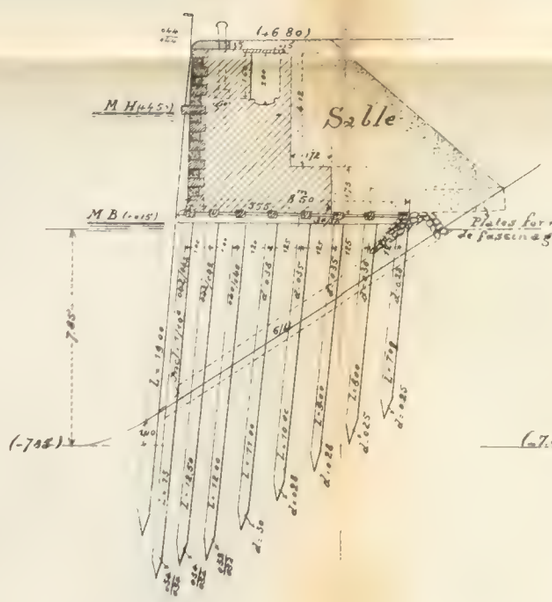
Fig. 3.



van Haaren Fougerolle.

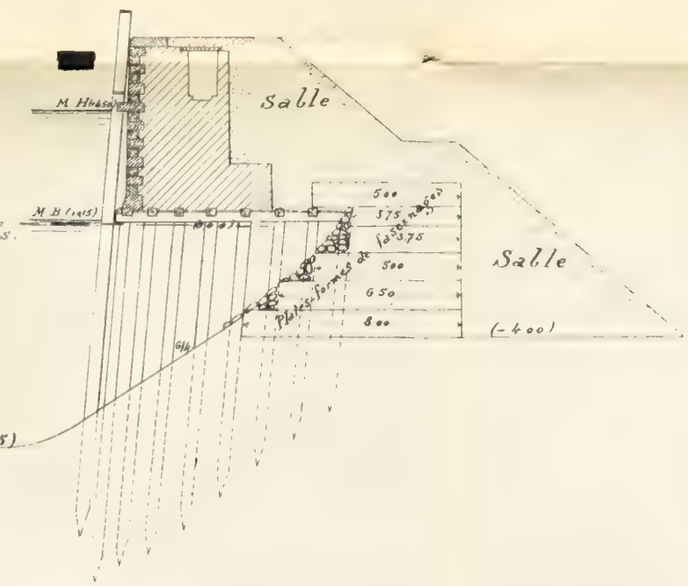
Projet N° 22-23

Fig. 4.



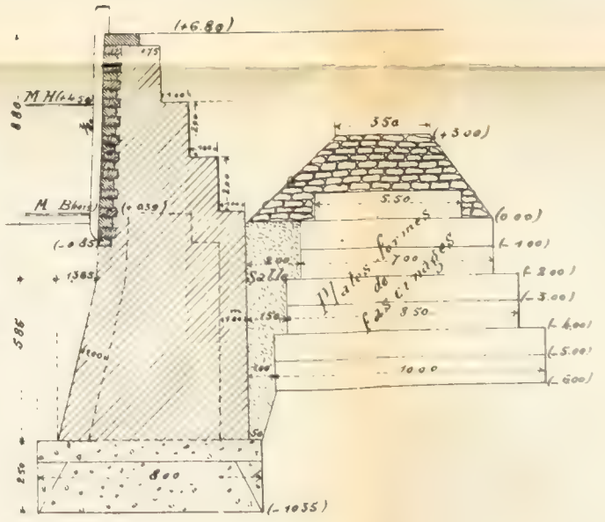
Projet N° 22-23

Fig. 5.



Projet N° 24-25

Fig. 6.

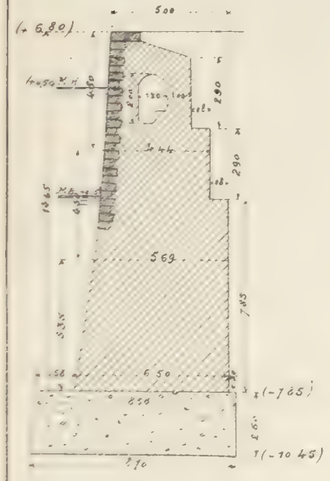


Echelle 0.005 p. m.

Hersent et fils.

Projets Nos 26-27.

Fig.1.



Projet No 28

Fig.2

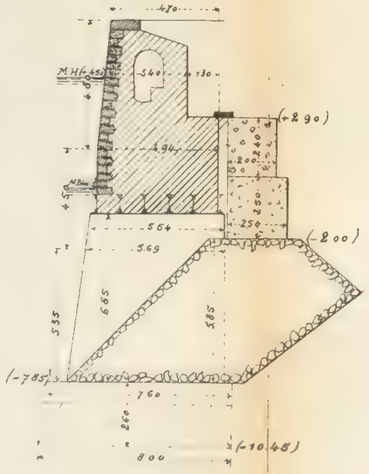
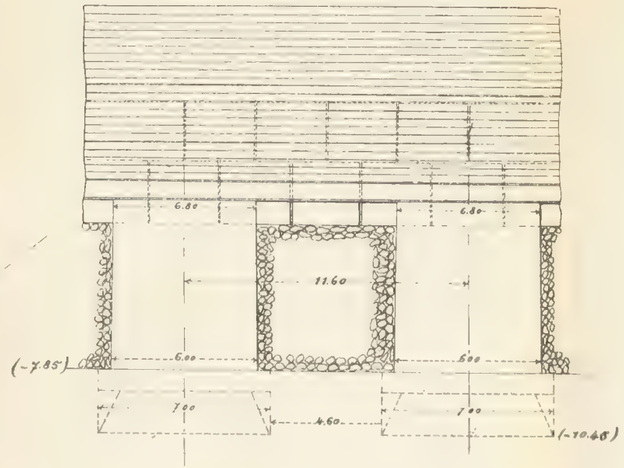


Fig.3.



Projets Nos 29-30.

Fig.4.

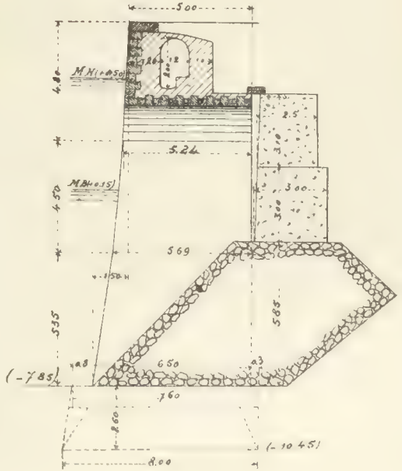
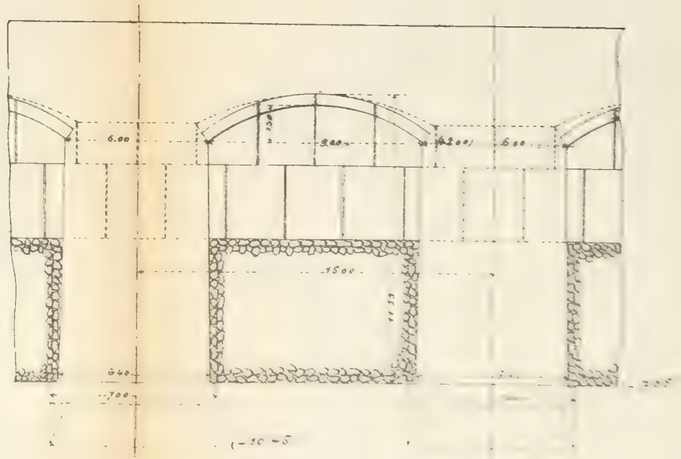


Fig.5.

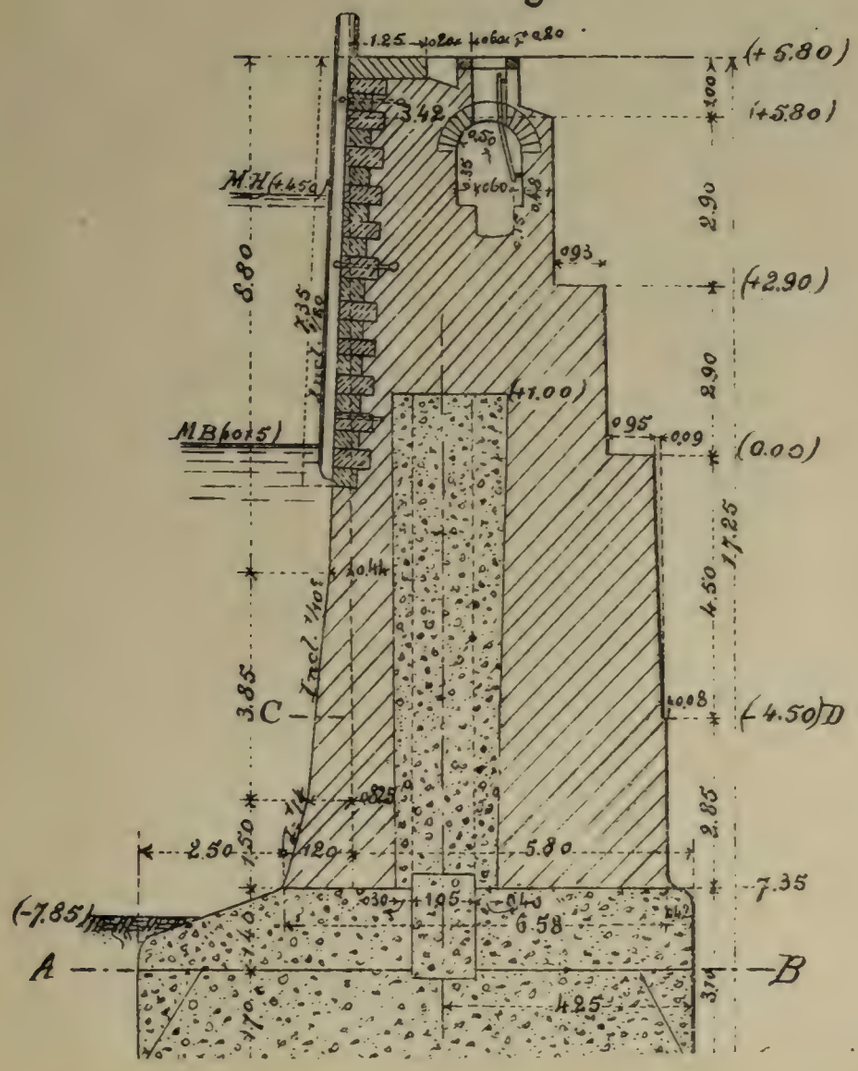


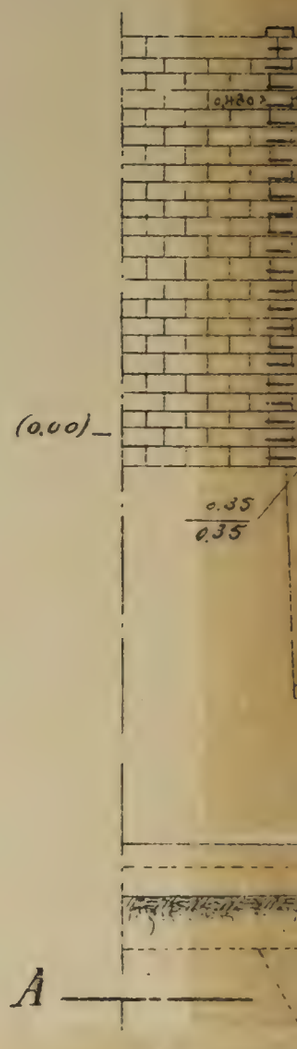
Échelle 0,002 p.m.

J. PIERROT & F. ZANEN.

Coupe suivant E F

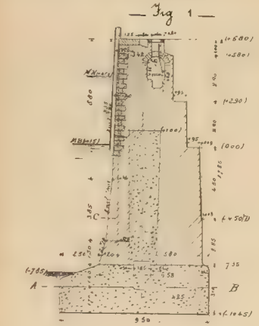
Fig. 1.





Coupe suivant EF

Fig 1



Détails d'une borne d'amarrage

Fig 4.

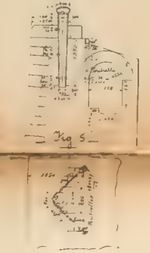
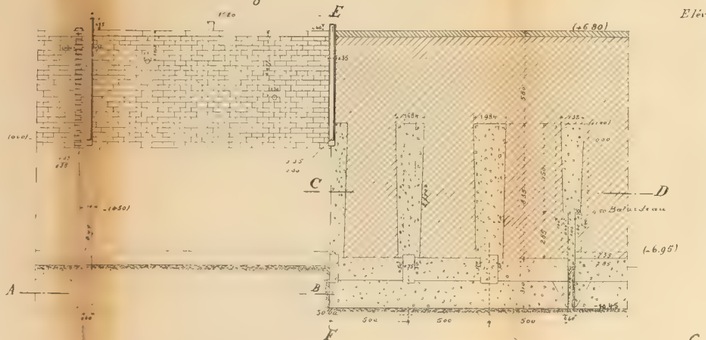


Fig 5.

Elévation

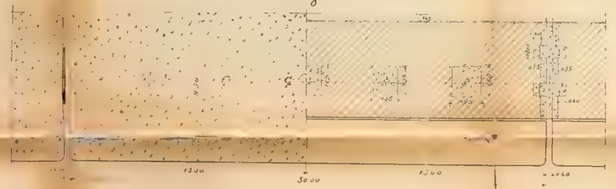
Fig 2.



Coupe longitudinale suivant GH.

Coupe suivant AB

Fig 3.



Coupe suivant CD.

Echelle et montant d'accostage

Fig 6 — Fig 7

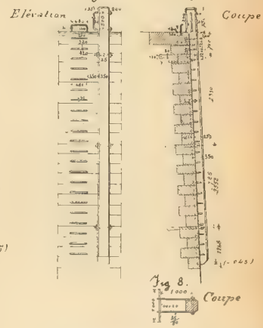
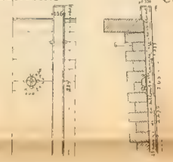


Fig 8.

Croisillon d'amarrage et montant d'accostage

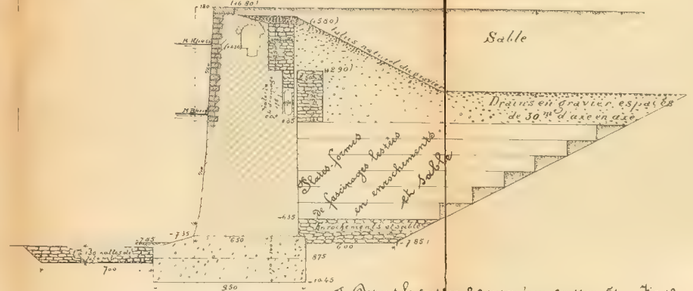
Fig 9 — Fig 10.



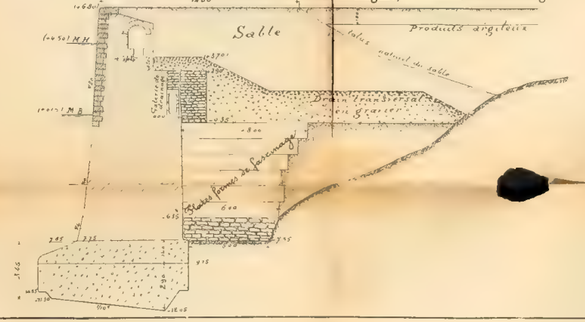
Consolidation du Mur.

I Depuis l'origine jusqu'au caisson N° 20.

Fig 11

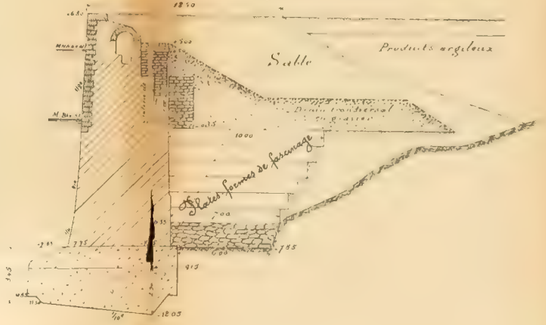


II Depuis le caisson 20 jusqu'au caisson 51. – Fig 12.



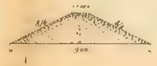
III Depuis le caisson 51 jusqu'à l'extrémité du mur

Fig 13



Coupe d'un drain transversal

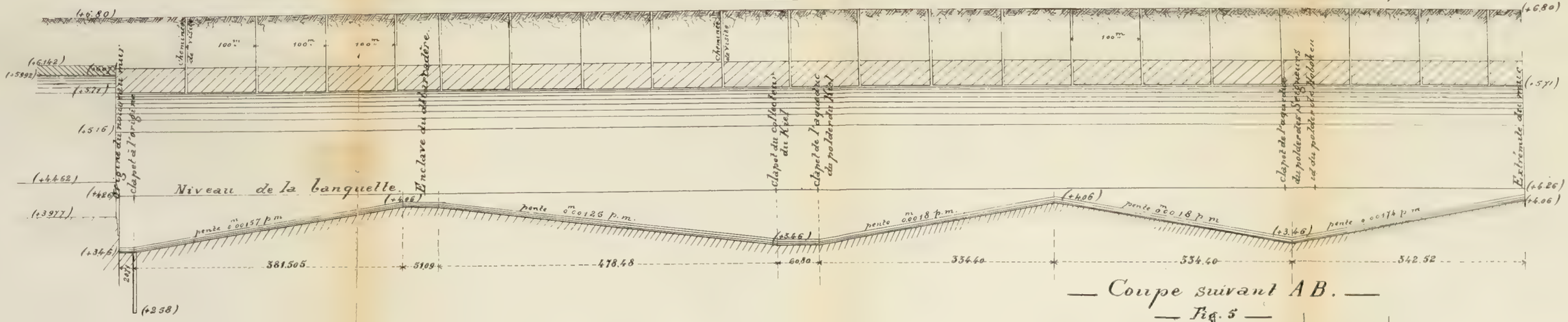
Fig 14



Coupe longitudinale de l'aqueduc dans le mur de quai.

Fig. 1.

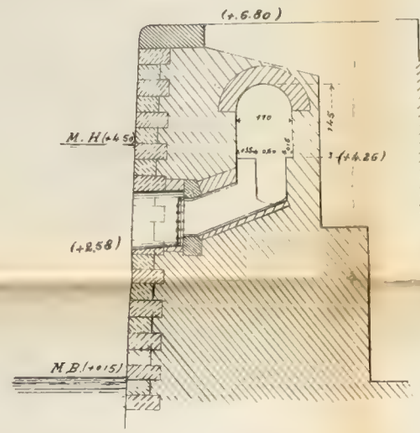
Echelles { des longueurs 0002 p.m. / des hauteurs 002 p.m.



Coupe transversale à 20.71 de l'origine

Fig. 2.

Echelle 0.01 p.m.



Coupe transversale au droit d'un clapet.

Fig. 3.

Echelle 002 p.m.

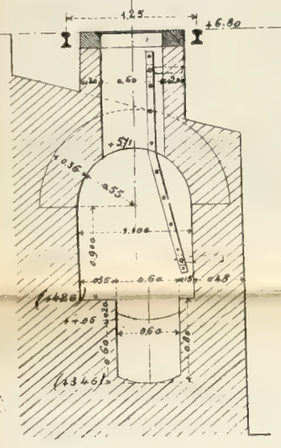
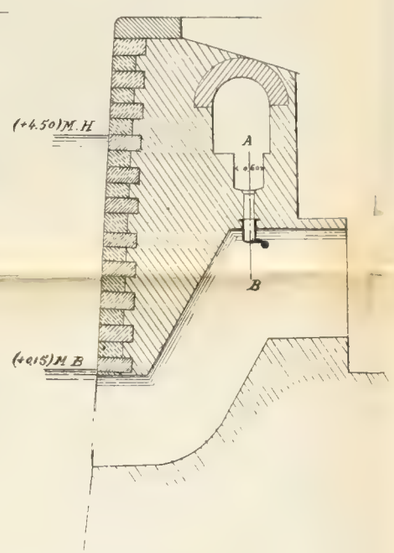


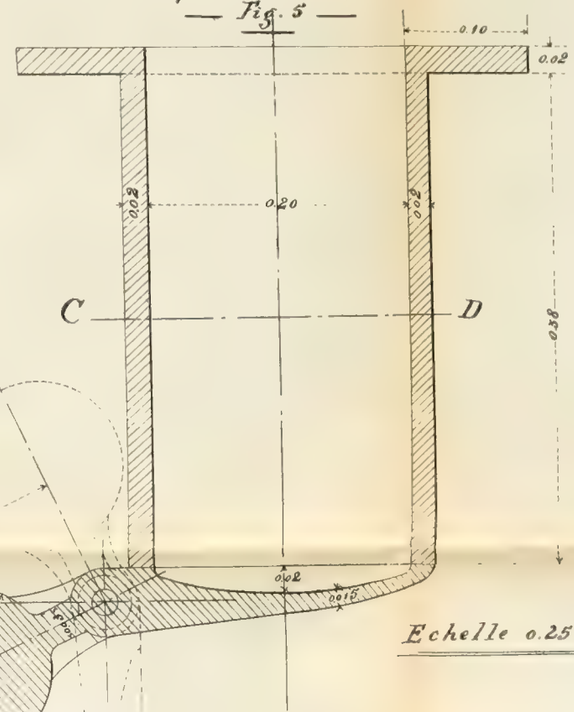
Fig. 4.

Echelle 0.01 p.m.



Coupe suivant AB.

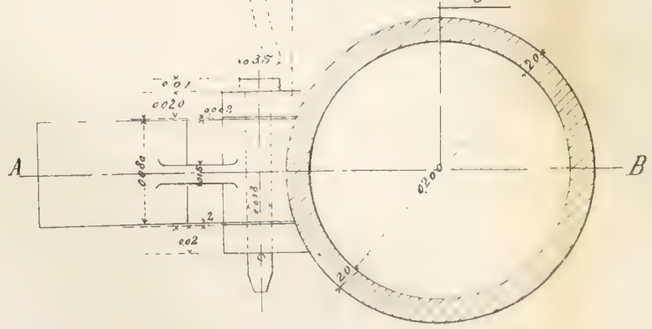
Fig. 5.



Echelle 0.25 p.m.

Coupe suivant CD.

Fig. 6.

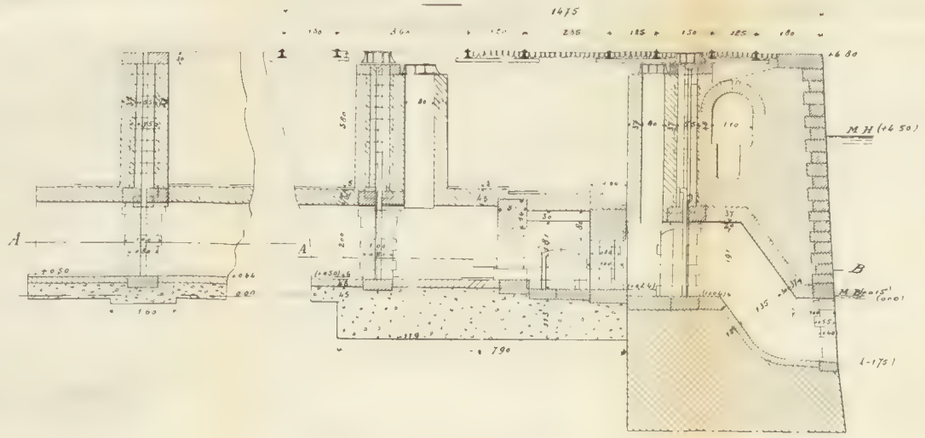


Plan
— Fig 1 —

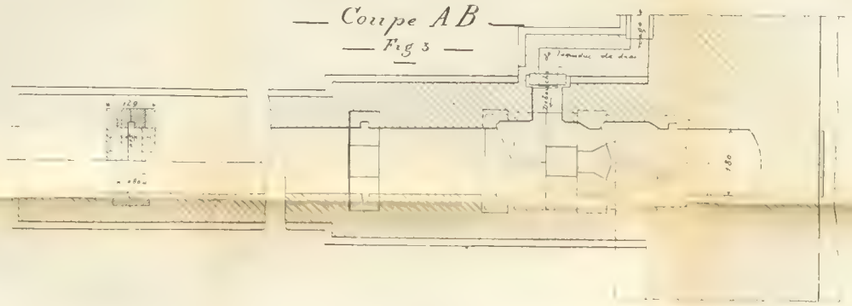
Echelle 001 p.m.

Aqueduc du Collecteur du Kiel.
(ouverture 3.00)
Fondation sur enrochements sallé rapportée 100 m.
Aqueduc du Polder du Kiel (1re partie)
Fondation sur enrochements sallé rapportée 80 m.
Fondation sur chevalets et pieux
Mur de quai

Coupe longitudinale
— Fig 2 —

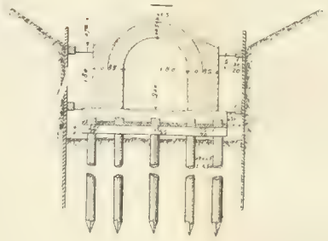


Coupe AB
— Fig 3 —

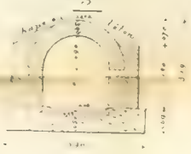


Aqueduc du polder du Kiel.
Echelle 001 p.m.

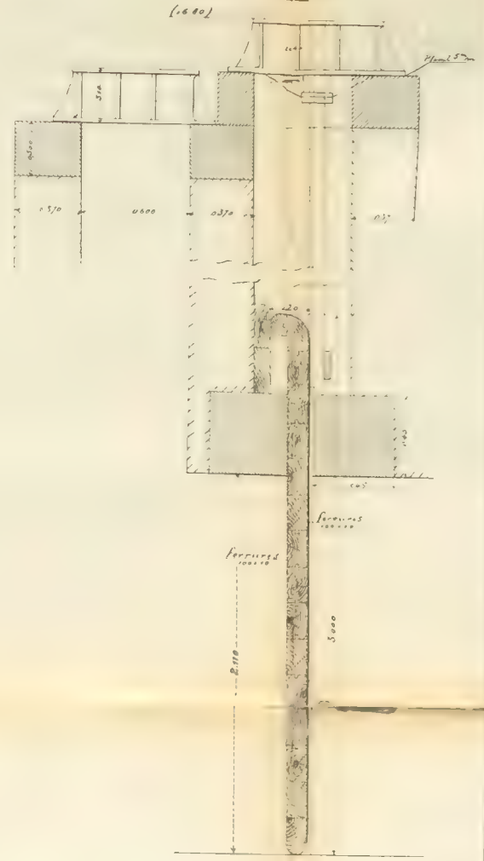
Profil de l'aqueduc
— 2ème partie. —
— Fig 4 —



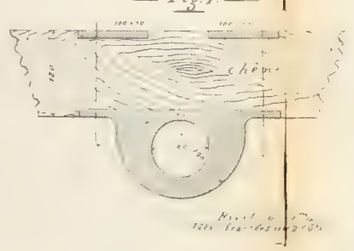
Profil de l'aqueduc
— 1er partie —
— Fig 5 —



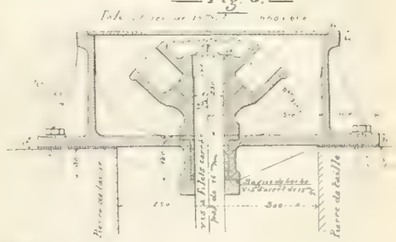
— Fig 6 —



Vanne établie dans la tête aval de l'aqueduc du polder du Kiel.
— Fig 7 —



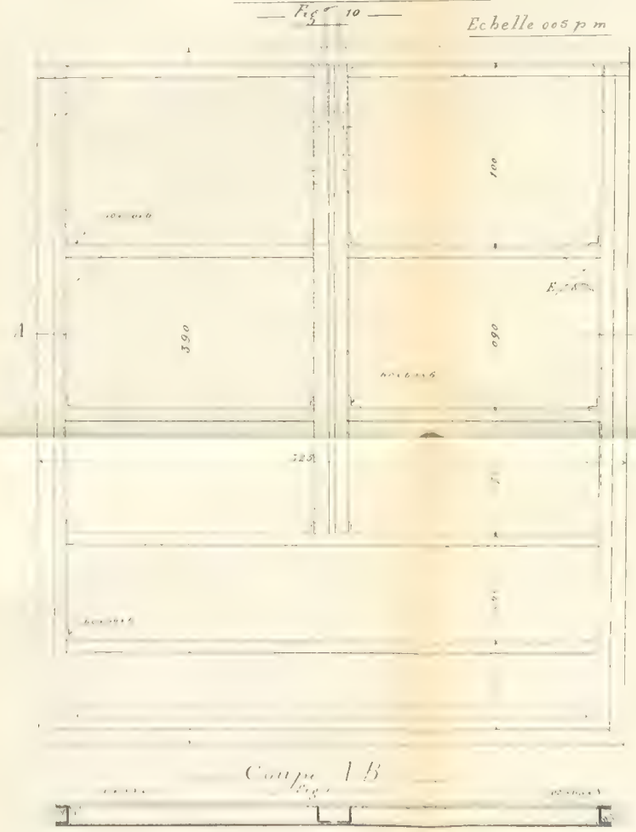
— Fig 8. —



— Fig 9 —

Vanne en tôle d'acier établie dans la tête aval du collecteur des égouts du Kiel.
— Fig 10 —

Echelle 0.05 p.m.



Coupe AB
Fig 11

Porte de flot à deux ventaux pour l'aqueduc du polder du Kiel.
Echelle 0.05 p.m.
— Fig 12 —

— Coupe AB. —
— Fig 13. —

Collier en bronze
— Fig 14 —

Echelle 0.10 p.m.

— Fig 15 —

Crapaudines

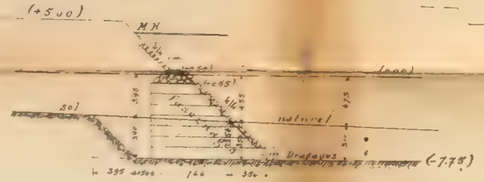
Rive de Raccordement

Plan.

— Fig 1 —

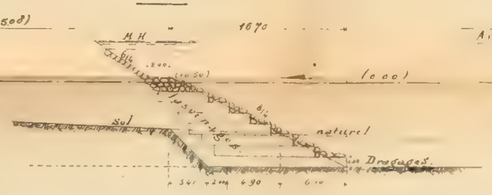
Coupe A.B.

— Fig 2 —



Coupe C.D.

— Fig 3 —



Coupe E.F.

— Fig 4 —

Coupe G.H.

— Fig 5 —

Coupe transversale
Fig 1

½ Coupe longitudinale

½ Élévation
Fig 2

½ Plan horizontal ABCD

½ Plan horizontal EF
Fig 3

Échelle 1/100

Caisson

Batardeau

½ Élévation

½ Élévation

½ Coupe longitudinale
Fig 10.

Panneaux mobiles des Caissons

Élévation des panneaux latéraux

Coupe transversale
Fig 5

Coupe transversale
côté de l'Escaut Fig 7

Élévation des panneaux longitudinaux
3 panneaux font la longueur du Caisson
Fig 6

Coupe transversale
côté du quai Fig 8

Plan de la Chambre de déboulonnage
Fig 11

Plan au niveau d'une ferme

Axes des Cheminées

Coupe transversale
Fig 12

½ Coupe longitudinale.
Fig 13

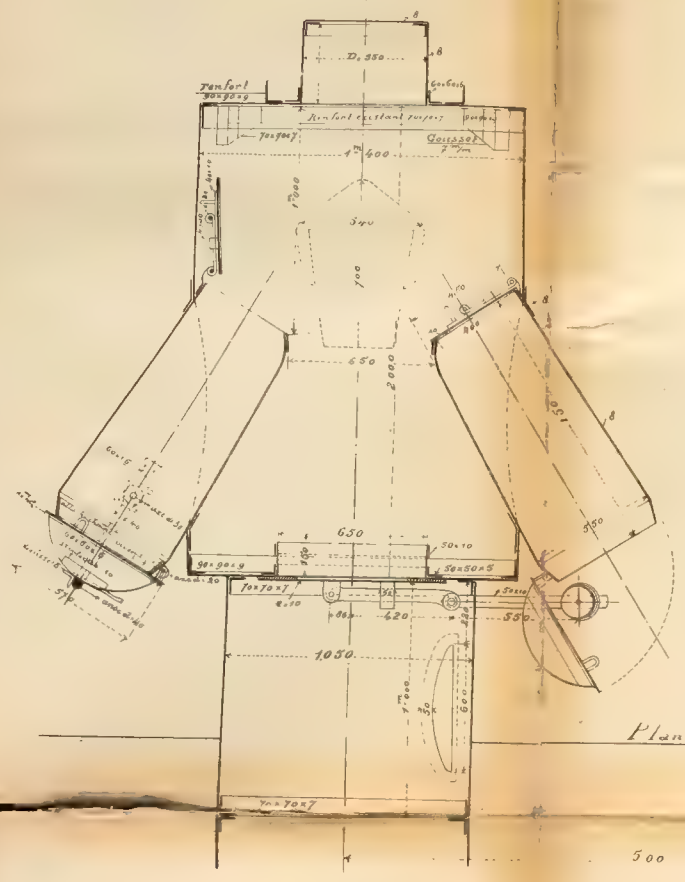
½ Élévation longitudinale

Échafaudage flottant

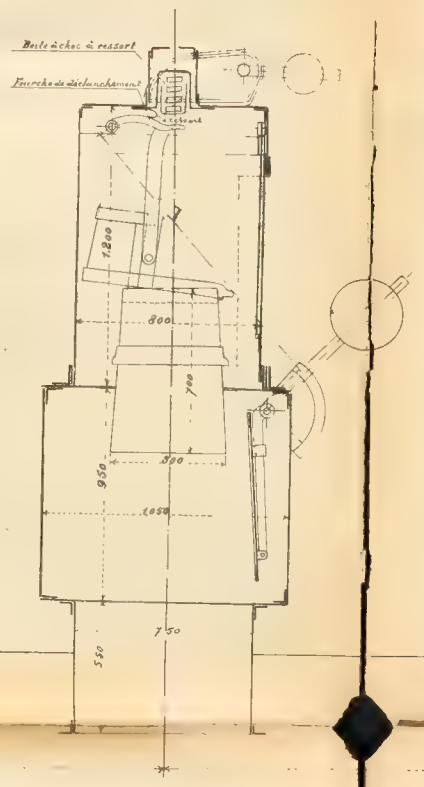
½ Plan inférieur du bateau
Fig 14

½ Plan supérieur du bateau

Cloche à pipes
Type I
Fig I



Cloche Pagnard.
Type IV
Fig 2



Cloche Tchokke
Type III
Fig 3.

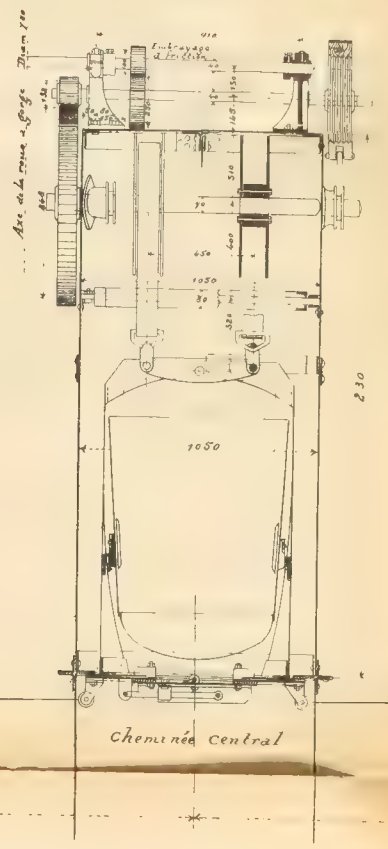
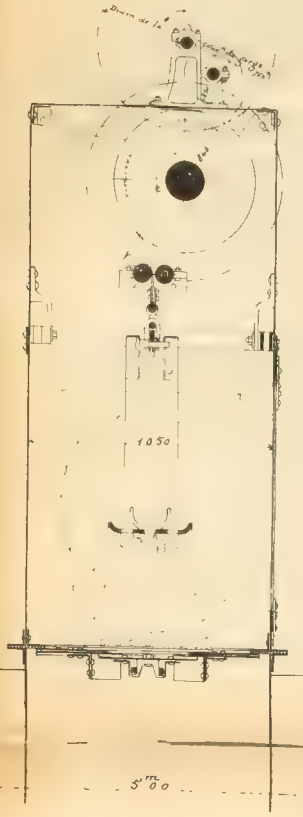


Fig. 4.



Cloche Pagnard.
Type IV
Fig.5.

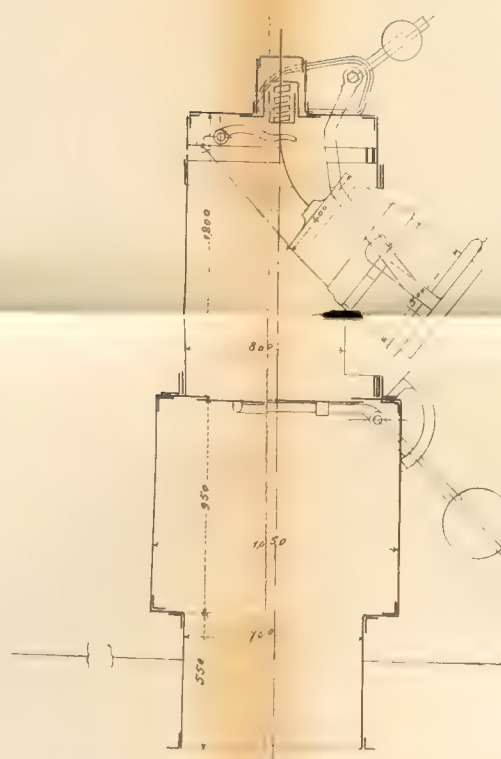
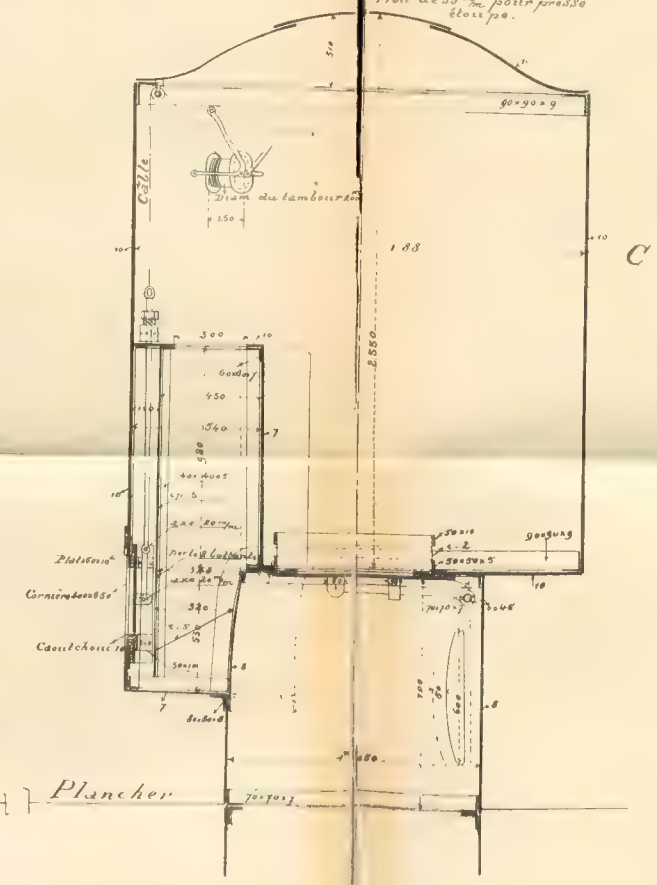


Fig 6
Coupe C D



Type II
Fig.7.
Coupe horizontale.

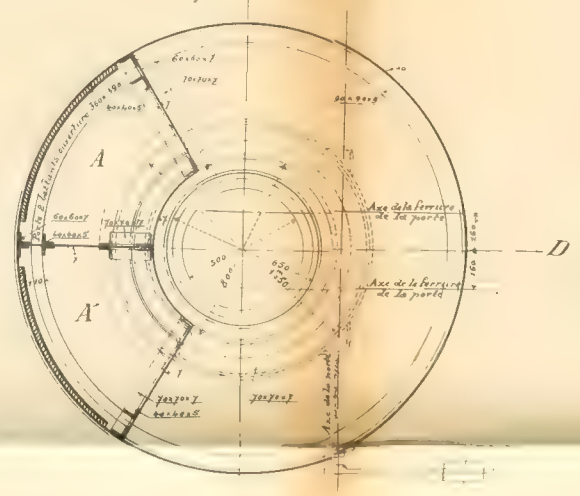
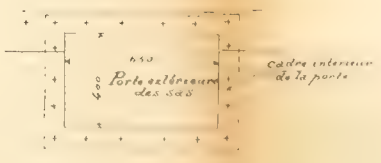
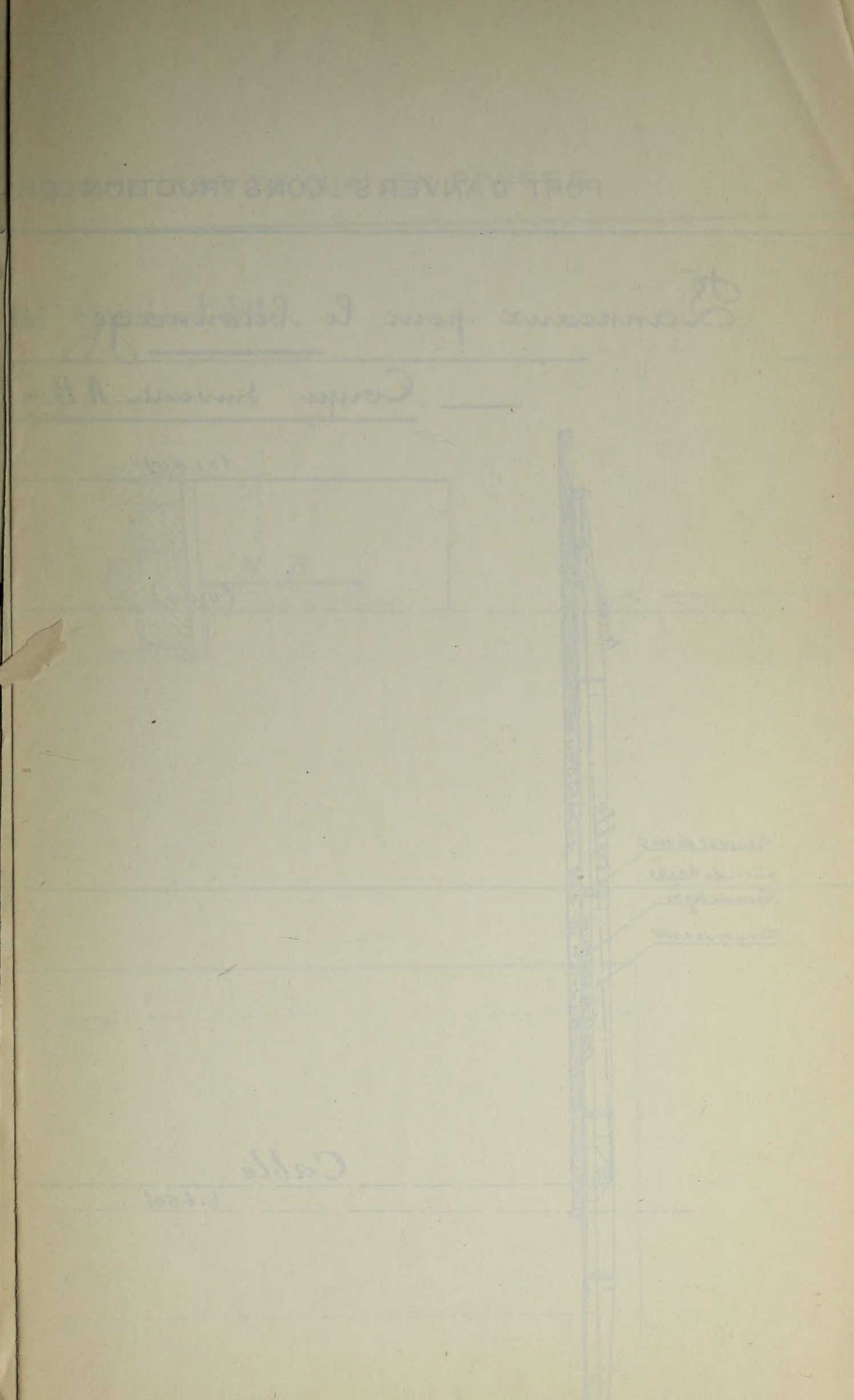


Fig 8

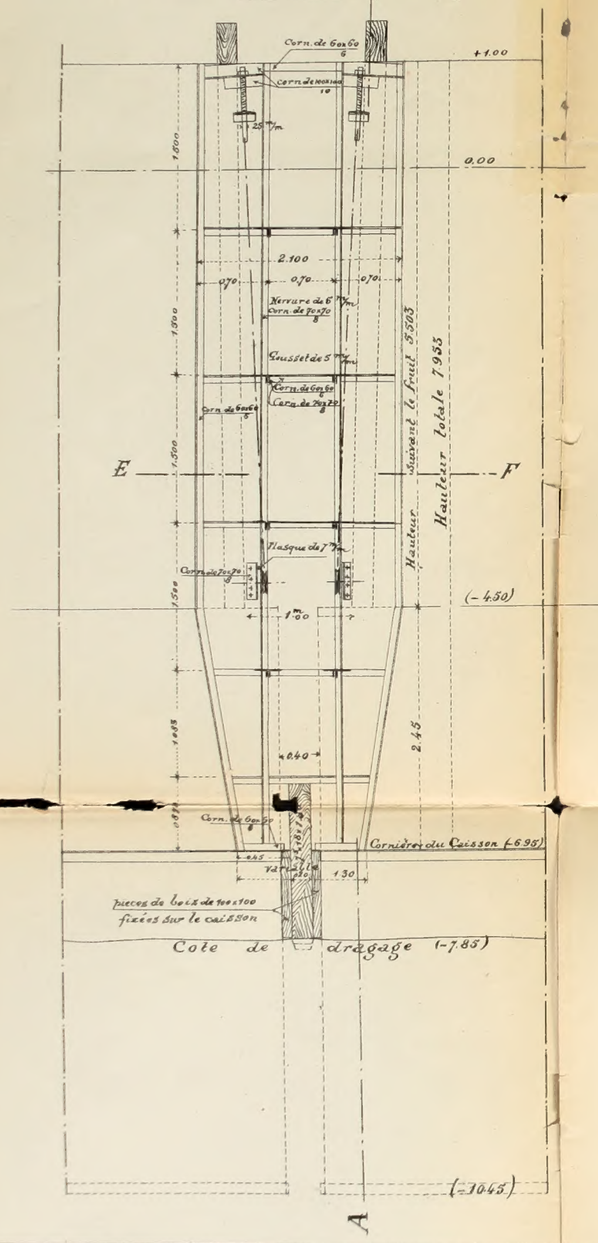


Echelle 0.05 p m

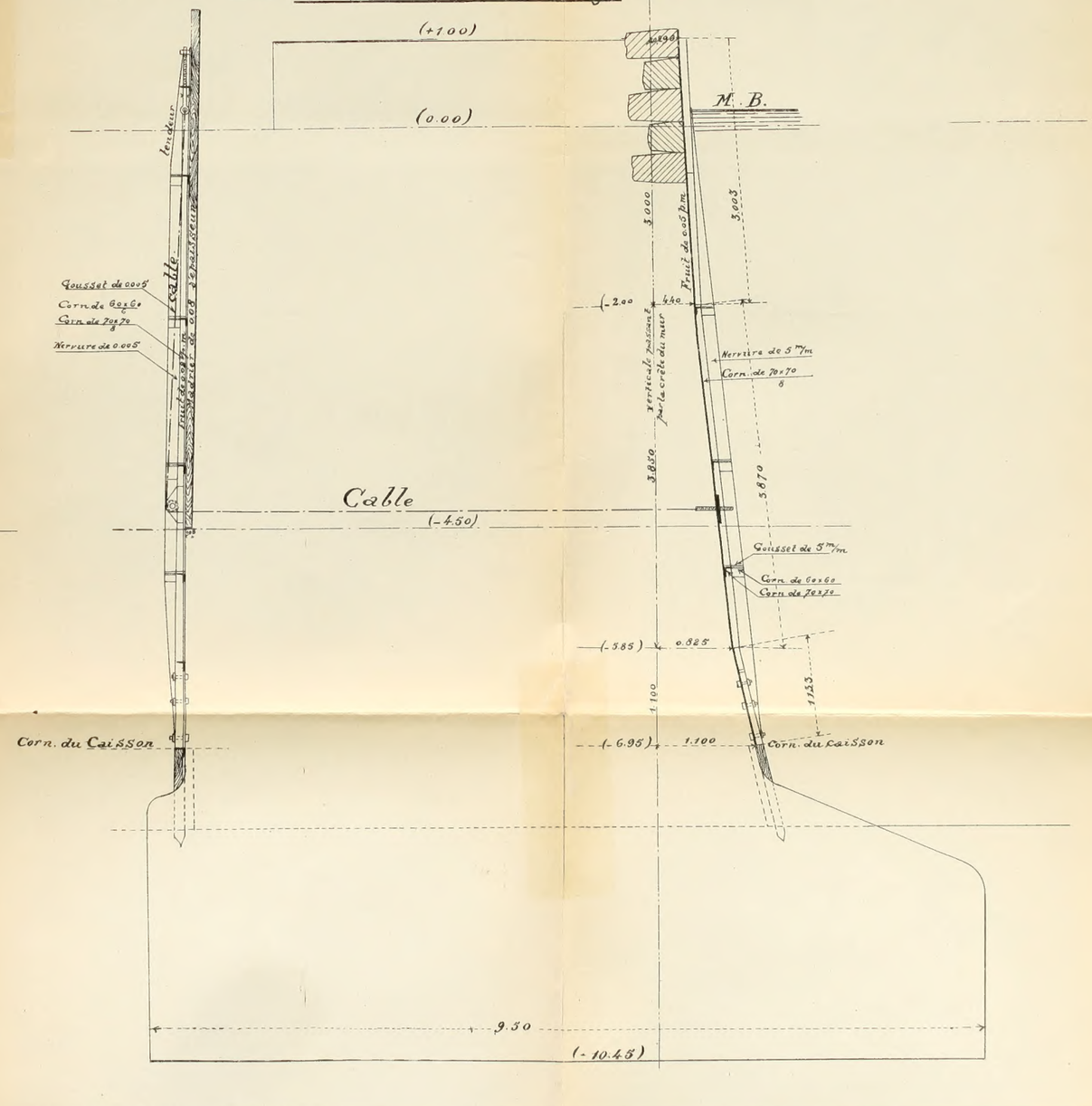


Panneaux pour le bétonnage des joints.

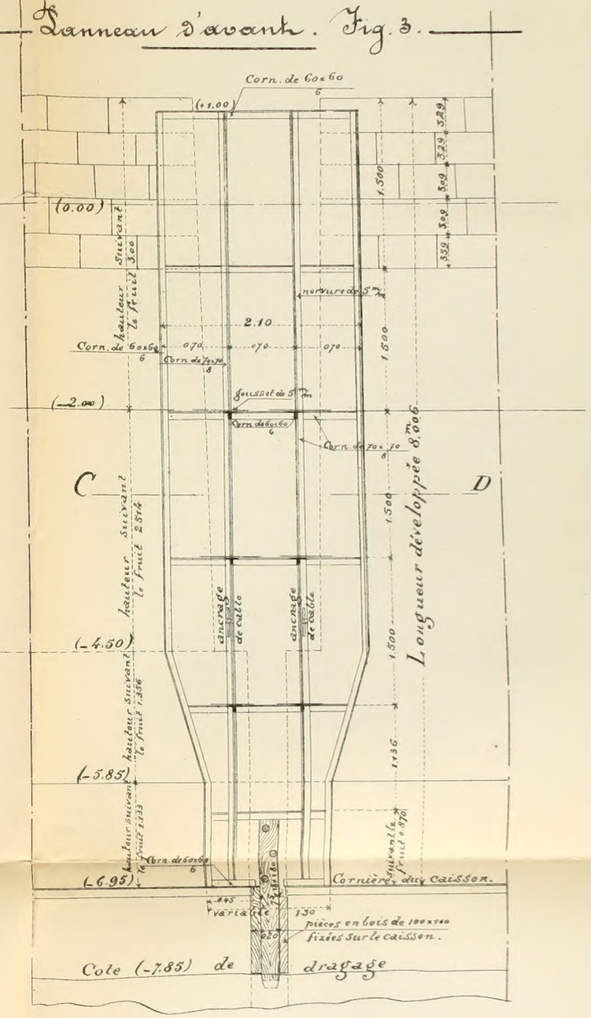
Panneau d'arrière. Fig. 1.



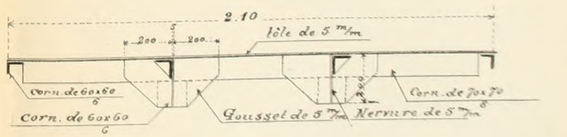
Coupe suivant AB. - Fig. 2.



Panneau d'avant. Fig. 3.



Coupe suivant CD. et EF. Fig. 4.



Echelle 0.02 p. m.

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van Cattelmo

St-Anna ter Muiden

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Lippine

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Vaart

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Zeekreek

Houcke

Damsche

Vliendernage

Lapscheure

Groot Geleed

Molenkreek

Vlisseghem

Schaapenwegen

Molenje

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